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# Modeling of Water Systems

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Deadline for manuscript submissions:
**closed (30 April 2017)**

## Message from the Guest Editors

Dear Colleagues,

For decades, water deterioration and resource-shortage problems have led to a variety of adverse impacts on socioeconomic development and human life. Challenges of water problems adhering to the principle of sustainable development have been of significant concerns to many researchers and decision makers. These issues are highly complicated, involving a large number of social, economic, environmental, technical, and political factors, coupled with complex spatial variability and a cascading effect. Such complexities force researchers to develop more robust mathematical methods and tools to analyze the relevant information, simulate the related processes, implement mitigation strategies, assess the potential impacts/risks, and generate sound decision alternatives.

This Special Issue aims to explore new mathematical techniques to aid decision makers in mitigating these water problems. In addition, case studies associated with a variety of water management issues will be included.

Dr. Gordon Huang
Dr. Yurui Fan
*Guest Editors*

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## Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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